

FIG. 1

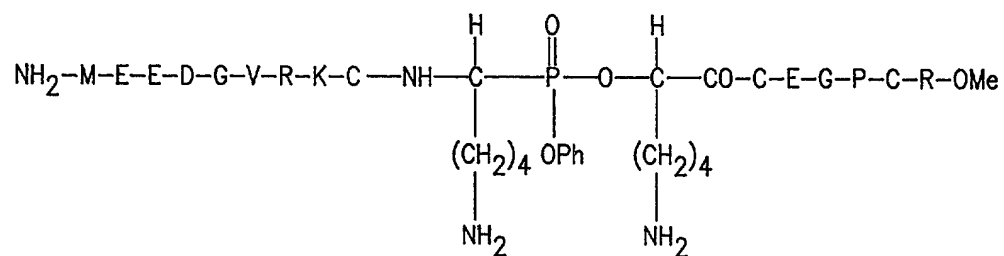


FIG. 4

1000 900 800 700 600 500 400 300 200 100 0

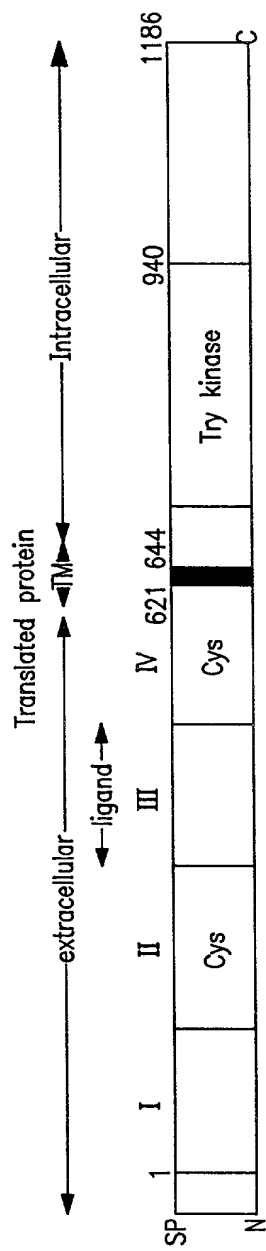


FIG. 2

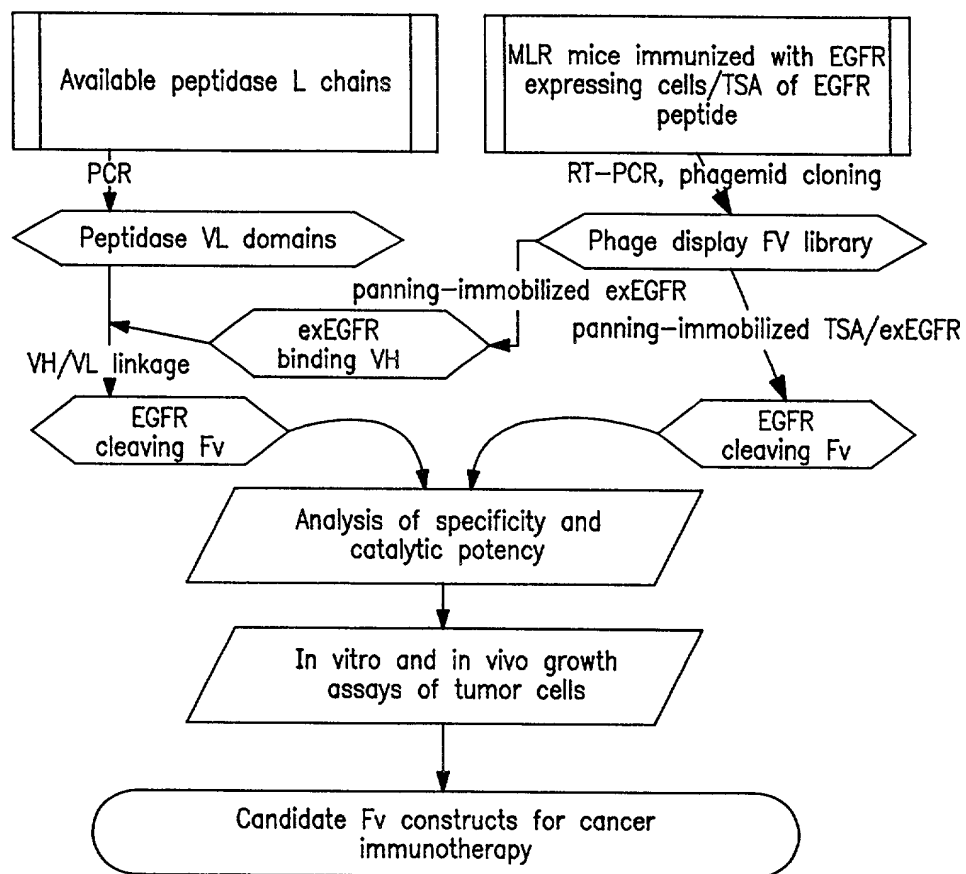


FIG. 3

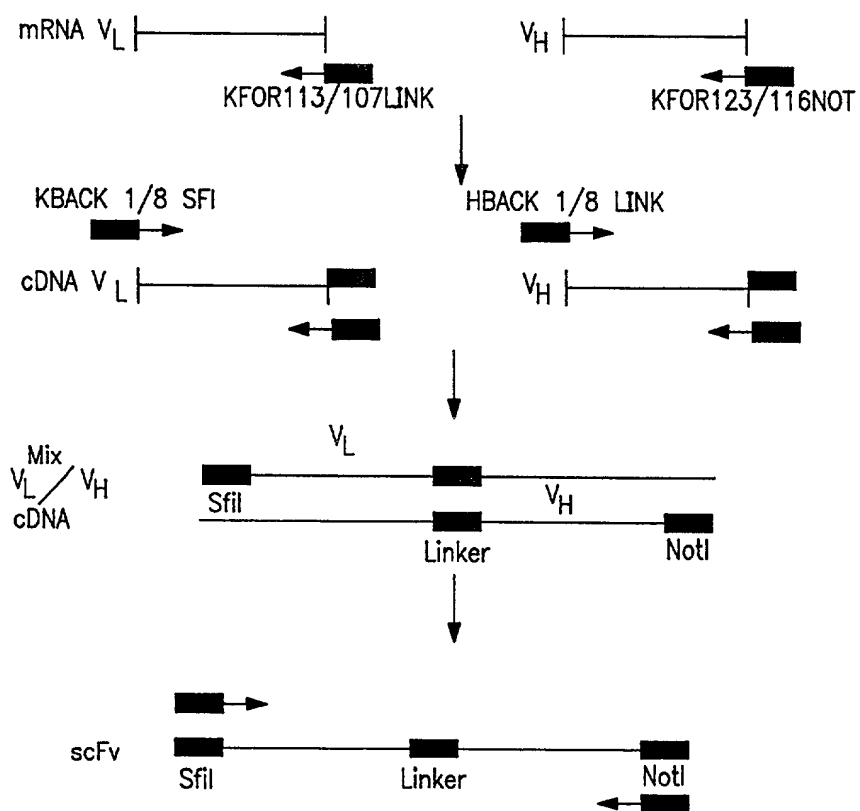


FIG. 5

FIG. 6A

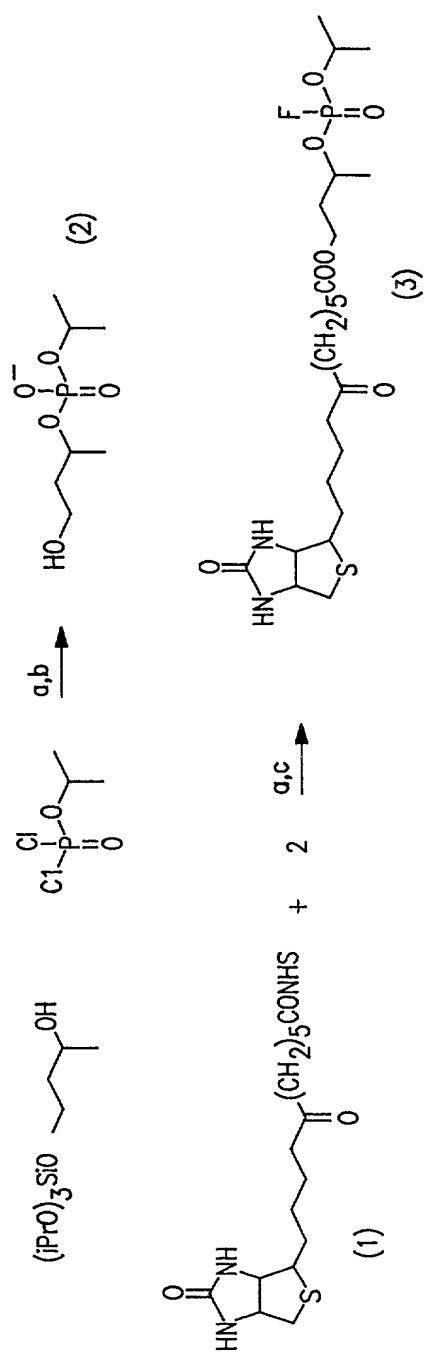
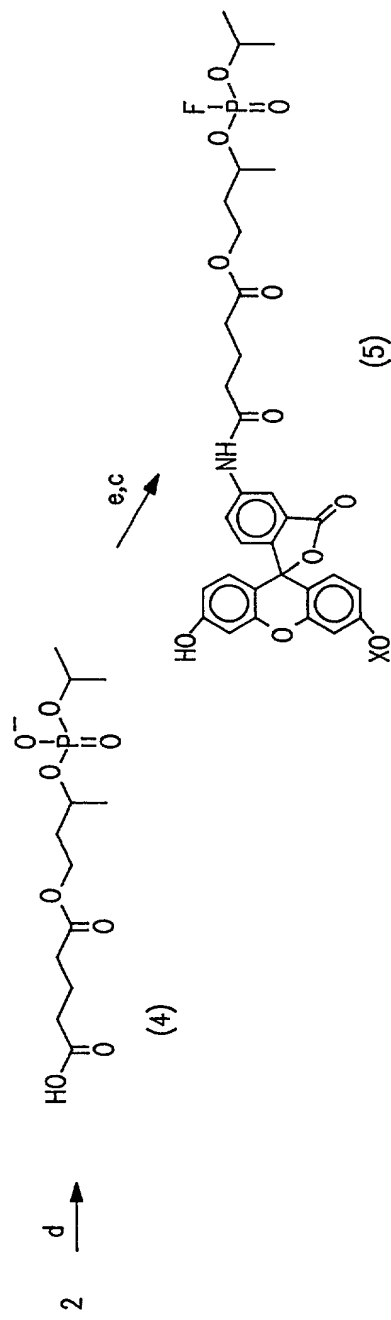


FIG. 6B



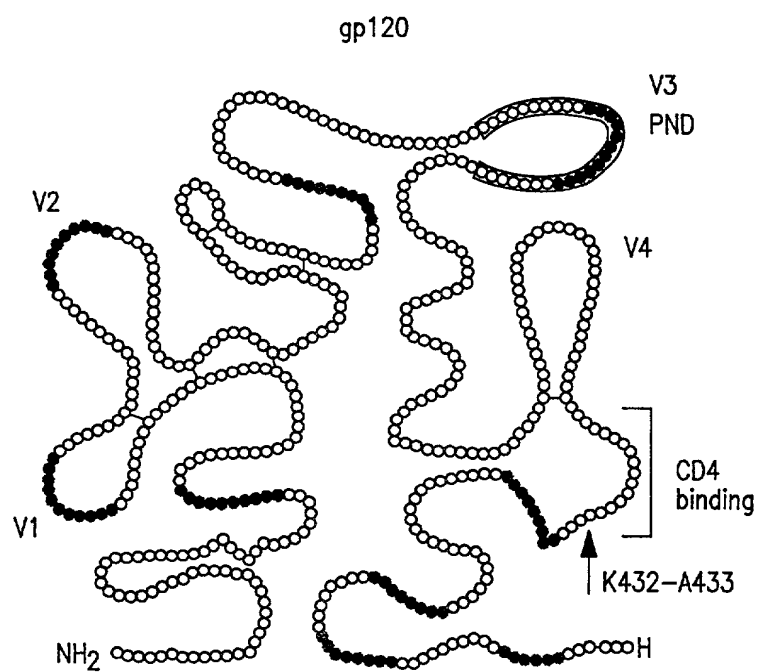


FIG. 7

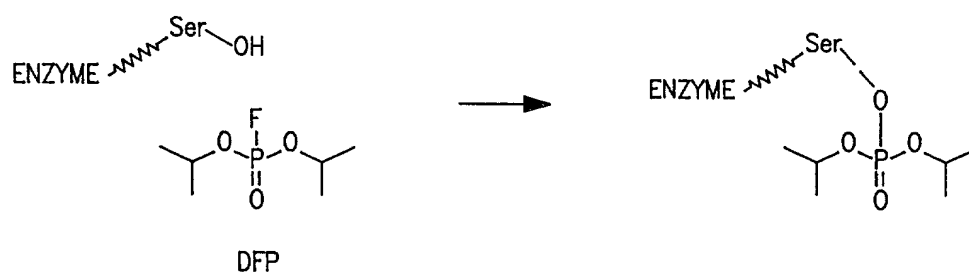


FIG. 8

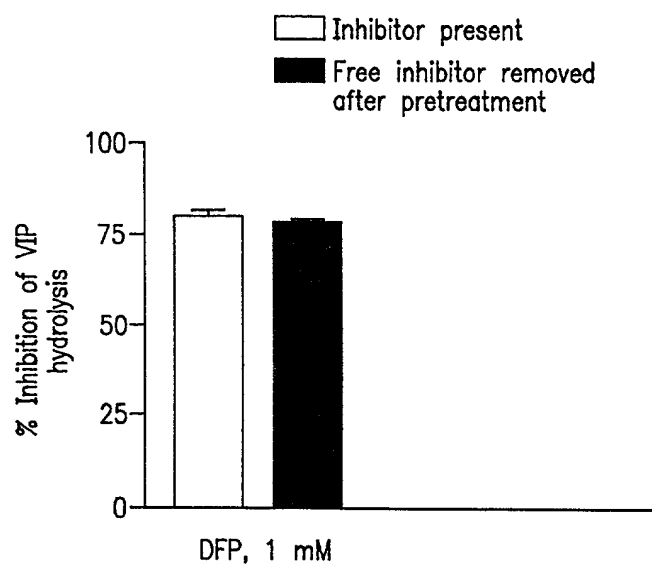


FIG. 9

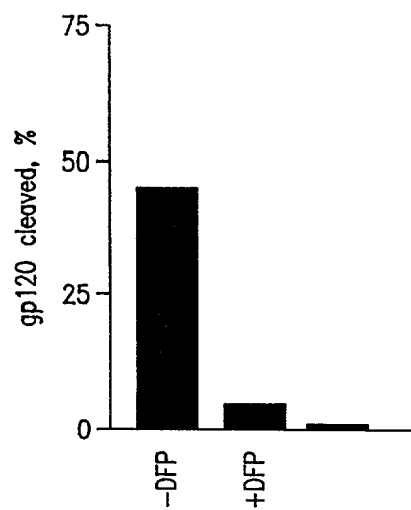


FIG. I2A

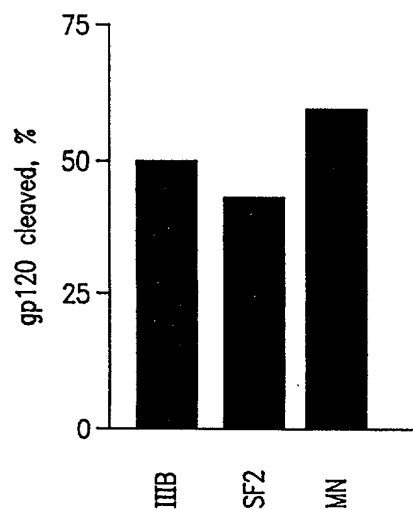


FIG. I2B

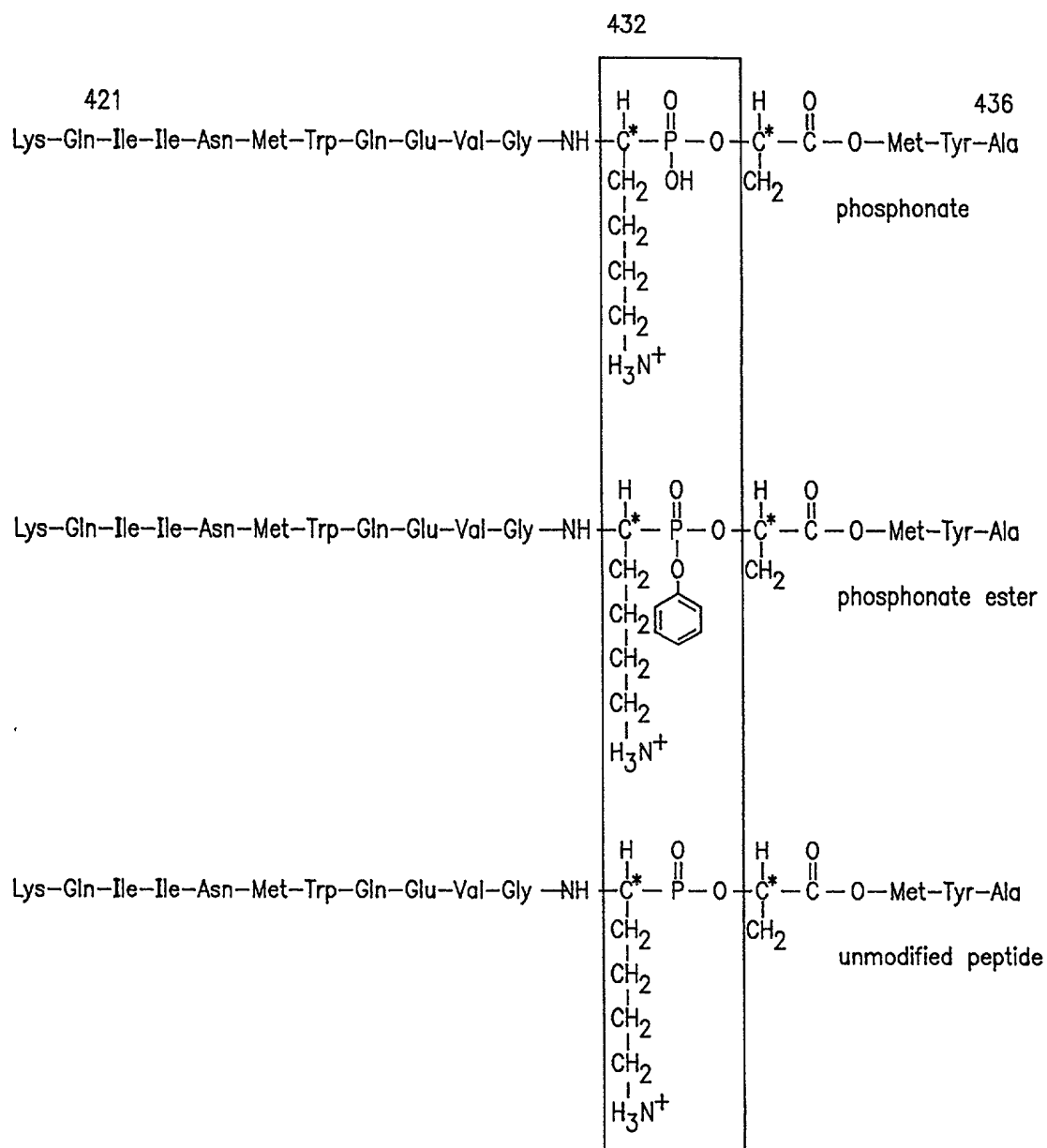


FIG. 10

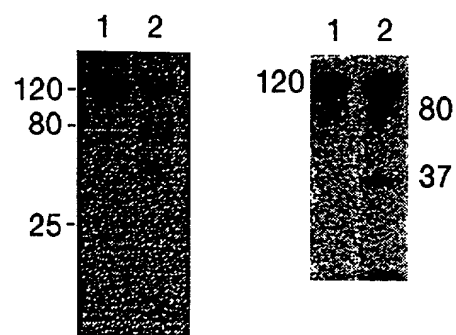


FIG. 11

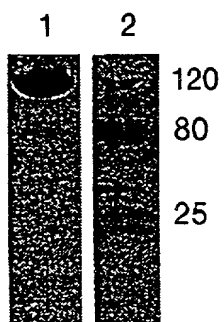


FIG. 13

Factors Stabilizing the Transition State

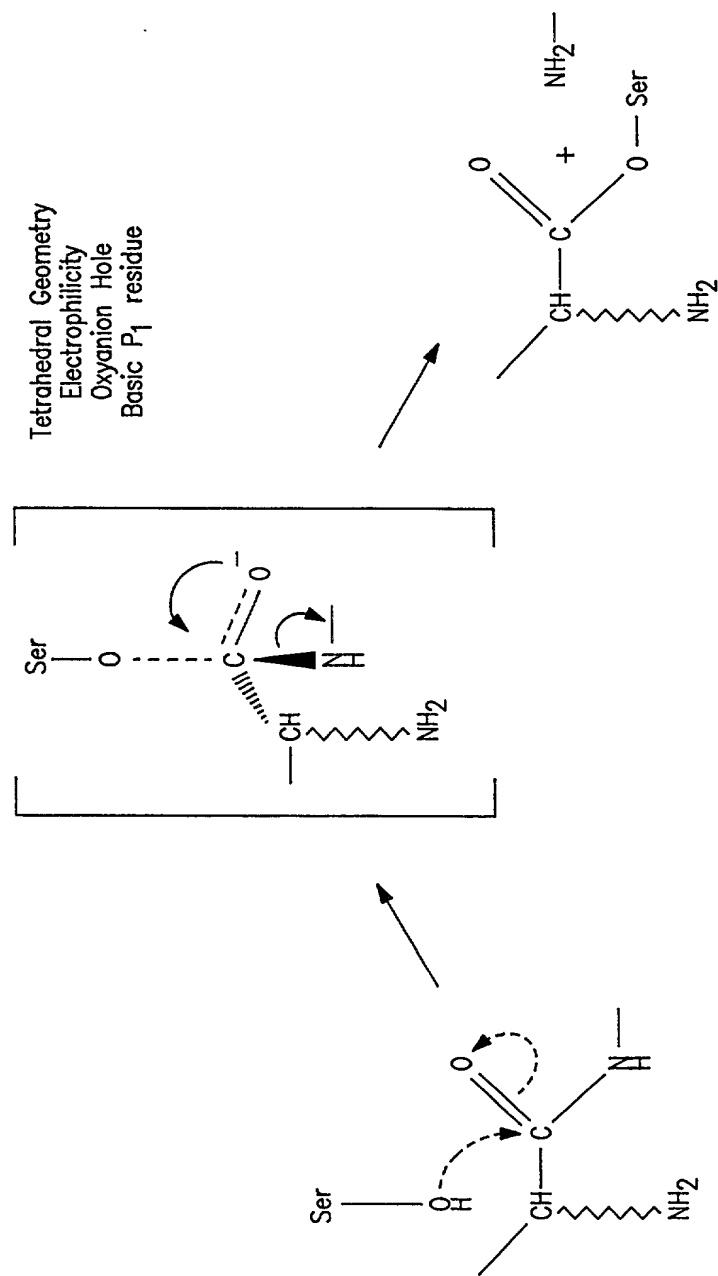


FIG. 14

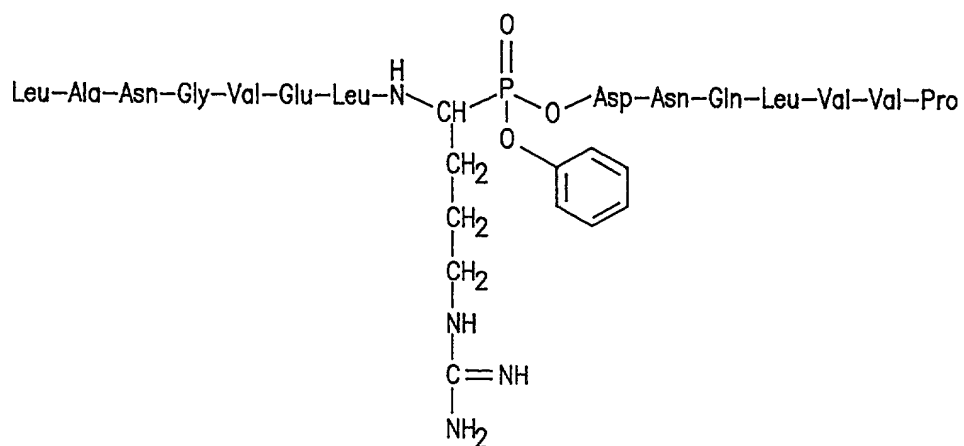


FIG. 15

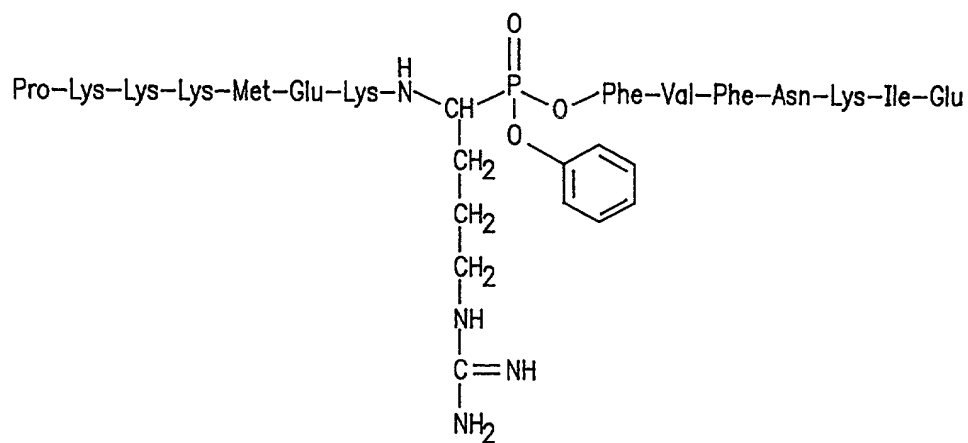


FIG. 16

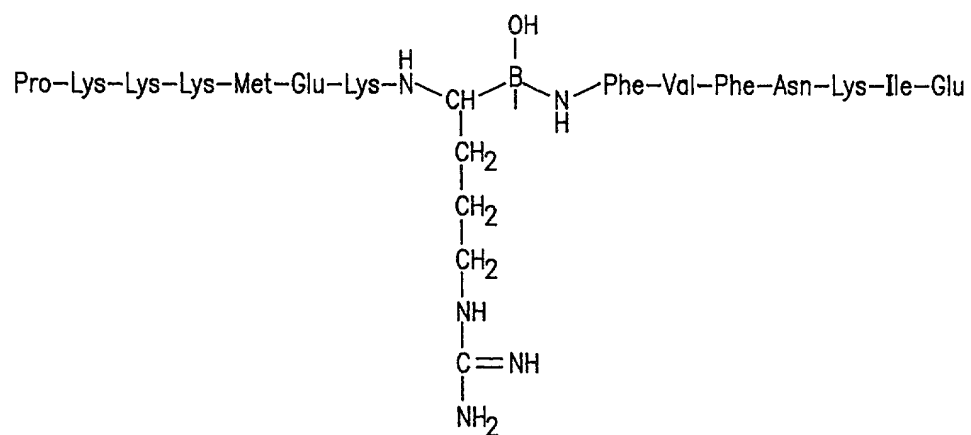


FIG. 17

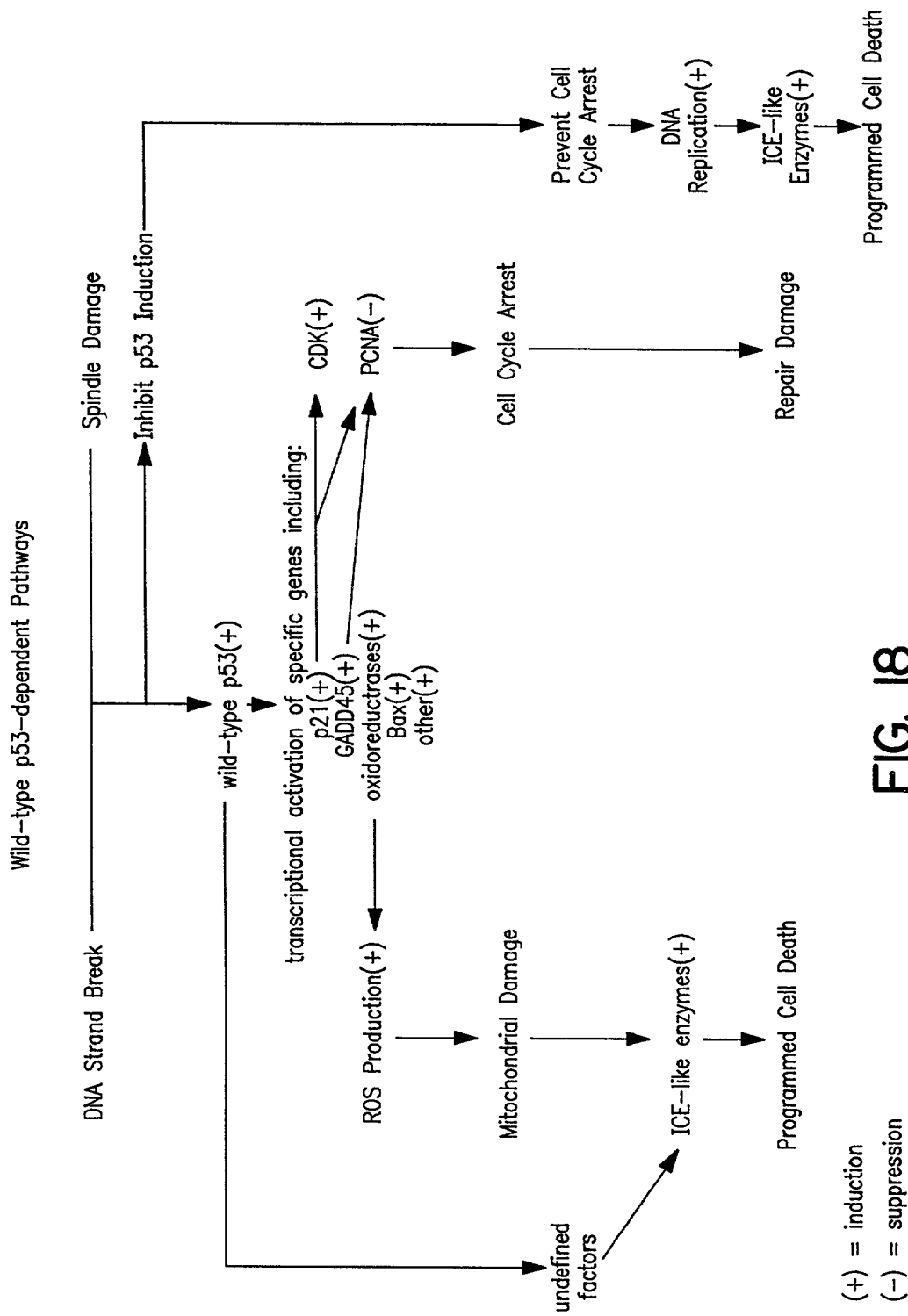


FIG. 18

Target Antigen	Disease Indications
CD4	Rheumatoid Arthritis, Asthma, Transplantation, Autoimmune Disease
HER2	Carcinoma
EGFR	Carcinoma
Macrophage Inhibitory Factor	Inflammatory and Autoimmune Disease
CD80 (B7-1)	Inflammatory and Autoimmune Disease, Atherosclerosis
CD86 (B7-2)	Inflammatory and Autoimmune Disease, Atherosclerosis
CD28	Inflammatory and Autoimmune Disease, Atherosclerosis
CD70	Inflammatory and Autoimmune Disease, Atherosclerosis
CD11b/CD18	Arthritis, Inflammatory and Autoimmune Disease
CD23	Arthritis, Inflammatory and Autoimmune Disease
ICAM-1	Inflammatory and Autoimmune Disease, Rheumatoid Arthritis, Inflammatory Bowel Disease, Organ Transplant Rejection, Psoriasis, Atherosclerosis
VLA-4 Integrin Receptor	Inflammatory and Autoimmune Disease
TNF-alpha	Rheumatoid Arthritis, Autoimmune Disease, Neurotropic Pain, Ischemia-reperfusion Injury, Septic Shock, SIRS, ARDS, Multiple Sclerosis, AIDS
Complement Component C5	Autoimmune Disease, Immunosuppression

FIG. 19A

Target Antigen	Disease Indications
IL-1 beta Receptor	Rheumatoid Arthritis, Autoimmune Disease, Neurotropic Pain, Ischemia-reperfusion Injury, Septic Shock, SIRS, ARDS
IL-1 beta	Rheumatoid Arthritis, Autoimmune Disease, Neurotropic Pain, Ischemia-reperfusion Injury, Septic Shock, SIRS, ARDS
GPIIb/IIIa Receptor	Anti-thrombotic, Use in combination with Angioplasty, Percutaneous Coronary Intervention, Unstable Angina, Stroke
Clotting Factor VII	
Plasminogen Activator Inhibitor (PAI-1)	Anti-coagulant
IL-4	Thrombolytic
IL-4 Receptor	Asthma
IL-5	Asthma
IL-5 Receptor	Allergy
IgE	Allergy
Eotaxin	Allergic Asthma and Allergic Rhinitis
Eotaxin Receptor	Allergic Inflammatory Disease, Allergic Asthma
PDGF	Allergic Inflammatory Disease, Allergic Asthma
PDGF beta Receptor	Vascular Disease, Restinosis
alpha.v.beta.3 Integrin	Vascular Disease, Restenosis
	Inhibit Pathologic Bone Resorption

FIG. 19B